Each

8 Um:

Dart Aerospace Ltd. Tuesday, 28/04/2009 12:38:24 PM Date User: Julie Dawson **Process Sheet** : SADDLE FITTING, AFT (OUTBOARD/INBOARD) Customer : CU-DAR001 Dart Helicopters Services **Drawing Name** Job Number : 47567 **Estimate Number** : 10534 : D2574 **Part Number** P.O. Number : 28/04/2009 S.O. No. : **Drawing Number** . D2574 REV E This Issue : NC : N/A Prsht Rev. Project Number : MACHINED PARTS : // : E First Issue Type **Drawing Revision** : 47250 Previous Run Material **Due Date** : 07/05/2009 Qty: Written By Checked & Approved By : Est Rev: I As Per RevE 06-01-27 JLM Comment **Additional Product** Job Number: Description: **Machine Or Operation:** Seq. #: D6101005 Saddle Billet 1.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 8.0000 Each(s) 7075-T7351 8.25X5.0X2.5 Make from D6101-005 billet for D2574 Ensure that grain is along 5.00" length Batch No: 34874X 5 HAAS CNC VERTICAL MACHINING #1 HAAS1 2.0 - Comment: HAAS CNC VERTICAL MACHINING #1 Program Batch No. \_\_\_\_\_ Double check by: 1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets 3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets 4-Deburr and remove all machining marks 5-Tumble to remove sharp edges.

MILLING CONV. 3.0

QC2

CONVENTIONAL MILLING MACHINE

**Comment: CONVENTIONAL MILLING MACHINE** 

Machine keyway as per dwg D2573 & D2574

INSPECT PARTS AS THEY COME OFF MACHINE

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0

## **Dart Aerospace Ltd**

W/O:		WORK ORDER CH	HANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #: Fault Category:	NCR: Yes	No <b>DQ</b>	 <b>А</b> :	Date:	<u> </u>

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

	WORK ORDER NON-CONFORMANCE (NCR)									
	Description of NC		Corrective Action Section B	3	Varification	A				
STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspecto			
	STEP	STEP Description of NC	STEP Description of NC Section A Initial	STEP Description of NC Section A Initial Action Description	STEP Description of NC Section A Initial Action Description Sign &	STEP Description of NC Corrective Action Section B Verification Section A Section C Section C	STEP Description of NC Corrective Action Section B Verification Approval Section A Chief English			

NOTE: Date & initial all entries

Tuesday, 28/04/2009 12:38:25 PM Date: Julie Dawson User: **Process Sheet** Drawing Name: SADDLE FITTING, AFT (OUTBOARD/INBOARD) Customer: CU-DAR001 Dart Helicopters Services Job Number: 47567 Part Number: D2574 Job Number: Seq. #: Description: Machine Or Operation: SECOND CHECK 5.0 QC8 Comment: SECOND CHECK 6.0 HAND FINISHING HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 POWDER COATING M11/472 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 START TIME: OVEN TEMPERATURE: FINISH TIME: 8.0 QC3 Comment: INSPECT POWDER COAT 9.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 5t 43 10.0 QC21 FINAL INSPECTION/W/O RELEASE Comment: FINAL INSPECTION/W/O RELEASE Job Completion

W/O:			WORK ORDER	CHANGES				
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
AC								
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·								
Part No	:	PAR #:	Fault Category:	NCR: Y	es No DG	A:	Date: _	
	Resolution		Disposition:	QA: N/0	Closed:		Date: _	
NCR:			WORK ORDER NON-COM	NFORMANCE (N	CR)			

NCR:		•	WORK ORDER NON-CONFORMANCE (NCR)								
D.4.T.F.		Description of NC	Description of NC Corrective Action Section B				Annuoval	A			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector			
				·							
							·				

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	LOSCH
Description: Saddle, Aft Inboard	Part Number:	D2574
Inspection Dwg: D2574 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2574 Rev. E and record below:

		<del></del>		Re	corded Actu	ıal Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.438	0.443	_	-139	-439	.439	-439		
В	1.745	1.755		1.750	1.750	1-750	1.750		
С	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1750	1-750		
E	7.990	8.010		7,999	7-994	7.999	7.999		
F	0.490	0.510		.500	.501	499	500		
G	0.257	0.262		.259	,259	.259	-259		·
Н	0.375	0.380		-376	.376	- 376	.376		
1	0.490	0.510		. 499	.498	499	.498		
J	1.174	1.184		1,149	1-179	1-179	1-179		
K	0.558	0.578		.568	.567	.568	.567		
L	1.174	1.184		1-179	1.179	1.179	1-179		
М	1.365	1.375		1.370	1.370	1-370	1-370		
N	2.495	2.505		2.500	2.500	2.500	2-500		
0	4.119	4.129		4-124	4-124	4.124	4-124		
Р	0.115	0.135		-125	.126	. 126	-126		
Q	0.115	0.135		- 135	132	135	-135		
R	0.240	0.260		<i>, 2</i> 50	-250	, 250	-250		
S	0.115	0.135		- 126	- 124	- 122	-123		
T	0.178	0.198		-188	-188	-188	188		
U	3.210	3.250		3.229	3 - 230	3.230	3-230		
V	0.230	0.250		-242	- 239	. 240	- 240		
W	0.115	0.135		- 130	-126	. 125	-127		
Х	0.307	0.312		-307	- 312	-34	.310		
Υ	0.760	0.765		-760	-760	.760	-760		
Z	0.352	0.372		- 363	- 364	. 3 <i>62</i>	- 361		
AA	0.470	0.530		-500	. 500	500	500		
AB	0.615	0.635		-625	-626	- (026	.626		
AC	0.053	0.073		-063	1063	-063	-063 -246		
AD	0.240	0.260		- 248	- 246	. 246	246		
ΑĒ	1.500	1.520		1.511	1.514	1.5/4	1.514		
AF	0.115	0.135		-135	-132	-135	-135		
AG	0.240	0.280		. 270	. 270	.270	-270		
AH	0.240	0.260		-320	1 .247	,250	- 249		<del></del>
ΑI	2.000	2.020		2.001	2.004	2.004	2.004		
AJ	0.023	0.043		.033	-033	-033	.033		
	Acc	ept/Reje	ct		L				-

	·	1.0
Measured by:	21	Audited by
Wicabarca by.		
Date:	10105/07	Date:   198/05/08/
	U 1/4//	

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
В	02.09.27	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM 🚜	

DART AEROSPACE LTD	Work Order:	17720)
Description: Saddle, Aft Inboard	Part Number:	D2574
Inspection Dwg: D2574 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2574 Rev. E and record below:

				Red	corded Actu	ual Dimensi	ons	:	
Dim	Min	Max	Go/No Go Gauge	15	\$6	37	48	Ву	Date
Α	0.438	0.443		. 440	.440	440	-440		
В	1.745	1.755		i.750	1.750	1.750	1.750		
С	3.495	3,505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
Е	7.990	8.010		7-999	7.999	7.999	7.999		
F	0.490	0.510		-495	.500	.497	497		
G	0.257	0.262		-259	- 259	-259	. 259		
Н	0.375	0.380		. 376	-376	376	-376		•
i	0.490	0.510		-498	.498	498	.500		
J	1.174	1.184		1-179	1.179	1-179	1-179		
K	0.558	0.578		.566	.51.7	.566	-569		
L	1.174	1.184		1.179	1.179	1119	1.179		
M	1.365	1.375		1.370	1.370	1-370	1.3-10		
N	2.495	2.505		2.500	2.500	2.500	2.500		
0	4.119	4.129		4-124	4-124	4.124	4-124		
Р	0.115	0.135		.126	-126	-126	.126		
Q	0.115	0.135		./35	-/35	-138	-135		
R	0.240	0.260		.250	125.	-250	-251		
S	0.115	0.135		-125	. 125	-125	-124		
T	0.178	0.198		188	-188	188	188		•
U	3.210	3.250		3,230	3.230	3,230	3,230		
V	0.230	0.250		-241	.239	- 240	-240		
W	0.115	0.135		-127	126	-125	-126		
X	0.307	0.312		-310	-310	-31/	- 310		
Υ	0.760	0.765		-760	-760	-460	760		
Z	0.352	0.372	·	- 363	-362	. 361	- 362		
AA	0.470	0.530		.500	500	.500	_500		
AB	0.615	0.635		.626	-625	.500	.625		
AC	0.053	0.073		- 063	.063	-063	.063		
AD	0.240	0.260		. 24 <b>7</b>	- 246	, 246	. 246		
ΑE	1.500	1.520		1.314	1.514	1.514	1.514		
AF	0.115	0.135		./35	-/35	-135	-135		
AG	0.240	0.280		.270	-270	.270	.270 ,248		
AH	0.240	0.260		. 249	- 247	- 248	1248		
Al	2.000	2.020		2.00H	2-604	2.004	2,004		
AJ	0.023	0.043		.033	-033	-033	-033		
	Acc	ept/Reje	ct						

Measured by:	ひ	Audited by
Date:	09/65/08	Date: 09/05/04

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.27	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF LA	-1
E	05.12.05	Added dimension AJ	KJ/JLM	Gill

